

Application Serial No.: 10/008,388
Amendment and Response to June 29, 2006 Non-Final Office Action

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously presented) A method to facilitate analysis of a commercial mortgage backed security portfolio, comprising:
 - determining base information associated with a commercial mortgage backed security portfolio associated with a plurality of mortgage loans;
 - determining information associated with an additional mortgage loan to be added to the portfolio in accordance with a contribution of the additional mortgage loan to the portfolio, including at least one desired profitability value for the additional mortgage loan; and
 - calculating the loan spread associated with the additional mortgage loan in accordance with a contribution of the additional mortgage loan to the portfolio.
- transmitting to a user terminal at least one loan spread value associated with the additional mortgage loan in accordance with a contribution of the additional mortgage loan to the portfolio via a communication network.
2. (Original) The method of claim 1, wherein the user terminal comprises a personal computer and the communication network comprises the Internet.
3. (Previously presented) The method of claim 2, wherein said transmitting is adapted to display a matrix of loan spread values associated with at least one of: a plurality of property types, a plurality of debt service coverage ratios, a plurality of loan to values, and a plurality of loan term periods.
4. (Previously presented) The method of claim 1, wherein said determination of base information comprises at least one of: retrieving pre-stored base information, and receiving the base information from an associated system

5. (Previously presented) The method of claim 1, wherein the base information includes at least one of: balance information, loan rate information, loan term information, remaining term information, amortization term information, servicing fee information, payment basis information, payment basis servicing fee information, and calculation of interest reserve information;

6. (Previously presented) The method of claim 1, wherein the information associated with the additional mortgage loan includes at least one of: treasury information, swap information, credit rating category spread information, credit rating category size information, price cap information, coupon information, yield information, total flat bond proceed information, collateral balance information, and deal duration information.

7. (Original) The method of claim 1, further comprising:
calculating the loan spread associated with the additional mortgage loan in accordance with a contribution of the additional mortgage loan to the portfolio.

8. (Original) The method of claim 7, wherein the portfolio is associated with a plurality of credit rating categories, each credit rating category being associated with a current category size, and wherein said calculating includes:
determining, for the additional mortgage loan, a category size for each credit rating category.

9. (Previously presented) The method of claim 8, wherein the determination of category sizes for the additional mortgage loan is based on at least one of: a property type, a risk value, debt service coverage ratio information, and loan to value information.

10. (Original) The method of claim 9, further comprising:
adding the category size for the additional mortgage loan to the current category size to determine a combined category size for each credit rating category.

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11. (Original) The method of claim 10, further comprising:
determining an original profitability of the portfolio;
calculating a combined profitability of the portfolio and the additional mortgage loan based on the combined category sizes; and
subtracting the original profitability from the combined profitability to determine a profitability of the additional mortgage loan.

12. (Original) The method of claim 7, wherein said calculation of the loan spread is an iterative process.

13. (Original) The method of claim 12, wherein the iterative process includes:
determining a trial loan spread for the additional mortgage loan;
computing a resulting profitability based on the trial spread; and
adjusting the trial loan spread, wherein said computing and adjusting are repeated until the resulting profitability is within a predetermined range of the desired profitability.

14. (Original) The method of claim 13, wherein said adjusting is based on a duration of the additional mortgage loan.

15. (Original) The method of claim 14, wherein said adjusting comprises:
determining an original duration of the portfolio;
calculating a combined duration of the portfolio and the additional mortgage loan;
and
subtracting the original duration from the combined duration to determine the duration of the additional mortgage loan.

16. (Original) The method of claim 7, wherein the method is performed for a plurality of desired profitability values to determine a plurality of loan spread values.

17. (Original) The method of claim 7, wherein said calculating is performed via a substantially real-time pricing application.

18. (Original) The method of claim 7, wherein said calculating is further performed utilizing a function library adapted to generate loan and/or commercial mortgage backed securities cash flows.

19. (Withdrawn) A computer-implemented method to facilitate analysis of a commercial mortgage backed security portfolio, comprising:

- retrieving base information associated with a commercial mortgage backed security portfolio associated with a plurality of mortgage loans and a plurality of credit rating categories, each credit rating category being associated with a current category size;
- receiving information associated with an additional mortgage loan to be added to the portfolio, including a desired profitability value of the additional mortgage loan;
- determining, for the additional mortgage loan, a category size for each rating category based on at least one of: a property type, a risk value, debt service coverage ratio information, and loan to value information;
- adding the category size for the additional mortgage loan to the current category size to determine a combined category size for each rating category;
- determining an original profitability of the portfolio;
- calculating a combined profitability of the portfolio and the additional mortgage loan based on the combined category sizes;
- subtracting the original profitability from the combined profitability to determine a profitability of the additional mortgage loan; and
- transmitting to a user terminal via a Web site a calculated loan spread for the additional mortgage loan in accordance with a contribution of the additional mortgage loan to the portfolio, wherein the calculation of the loan spread is an iterative process, comprising:
 - determining a trial loan spread for the additional mortgage loan,

computing a resulting profitability based on the trial spread, and
adjusting the trial loan spread based on a duration of the additional mortgage loan, wherein said computing and adjusting are repeated until the resulting profitability is within a predetermined range of the desired profitability.

20. (Previously presented) An apparatus adapted to facilitate analysis of a commercial mortgage backed security portfolio, comprising:

a processor; and

a storage device in communication with said processor and storing instructions adapted to be executed by said processor to:

determine base information associated with a commercial mortgage backed security portfolio associated with a plurality of mortgage loans,

determine information associated with an additional mortgage loan to be added to the portfolio in accordance with a contribution of the additional mortgage loan to the portfolio, including at least one desired profitability value for the additional mortgage loan, and

transmit to a user terminal at least one loan spread value associated with the additional mortgage loan via a communication network.

21. (Previously presented) The apparatus of claim 20, wherein said storage device further stores at least one of: a portfolio database, a market information database, and a contributory bond sizes database.

22. (Previously presented) The apparatus of claim 20, further comprising:
a communication device coupled to said processor and adapted to communicate with at least one of: a user terminal, and a real time pricing server.

23. (Previously presented) A medium storing instructions adapted to be executed by a processor to perform a method of facilitating analysis of a commercial mortgage backed security portfolio, the method comprising:

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determining base information associated with a portfolio associated with a plurality of mortgage loans;

determining information associated with an additional mortgage loan to be added to the portfolio in accordance with a contribution of the additional mortgage loan to the portfolio, including at least one desired profitability value for the additional mortgage loan; and

transmitting to a user terminal at least one loan spread value associated with the additional mortgage loan via a communication network.

24. (Canceled)

25. (Canceled)